



## **TYT Electronics Co., Ltd.**

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**TYT-800**



## **Main Functions:**

Frequency : 136-174 MHz, 245-246 MHz, 400-470MHz, 465-520MHz

Output power: 5W

199 groups of memory channels

Channel spacing: 5, 10, 12.5, 20, 25, 30, 50kHz optional

50 CTCSS code

VOX time-lapse function,

Designate communication

Multi channel scan or skip scan function

Voice prompt function

Emergency alarm

Selectable squelch /VOX grade setting

LCD display/ keypad direct frequency input

Transmit time limiter

Auto keypad lock

FM radio receiver function

Dimensions: 112X58X32mm

Weight: 190g

Available appearance: Black, Red, Deep Green,

## Technical parameters

Item number	TYT-800
<b>General</b>	
Frequency Range	136-174MHz /245-246/350-390/400-470/465-520MHz
Channel Capacity	199 channels
Channel Spacing	5kHz/6.25kHz/10kHz/ 12.5kHz/ 20kHz/25kHz/30kHz/50kHz
Frequency Stability	±2.5ppm
Operating Temperature	-25~+60°C
Antenna Impedance	50Ω
Operating Voltage	7.2V
Dimensions (W×H×D)	115x 56x 30mm
Weight	220g(Include battery & antenna)
Battery	1100/1300mAh (Li-ion Battery)
<b>Transmitter</b>	
RF output power	4W/5W
Modulation Type	16kΦF3E
Modulation Limiting	≤5kHz
Modulation Character	+3dB / -3dB
Spurious Radiation	0.75μW
Adjacent Ch. power	≥65dB
Max Fr. Deviation	≤5kHz
Occupied Bandwidth	≤16KHz
<b>Receiver</b>	
Receiving Sensitivity	0.25μV
Adjacent Ch. Selectivity	60dB
Inter-modulation	60dB
Co-channel suppression	-8dB
Audio Response	+2dB -10dB
Audio Output	500mW
Audio Distortion	≤3%

**Contact me via,**

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